

STM Search History

FILE 'HOME' ENTERED AT 14:58:52 ON 07 OCT 2002

index bioscience

L1 QUE (ALPHAVIRUS OR VEEV OR (VEE (A) VIRUS) OR (VENEZUELAN (A) EQUINE (A) ENCEPAHLITIS)) AND (CANCER OR TUMOR) (P) (VACCINE OR TREAT OR ANTIGEN# # OR IMMUNOGEN##)

d rank

F1	818	DGENE
F2	295	USPATFULL
F3	47	CAPLUS
F4	29	EMBASE
F5	28	WPIDS
F6	28	WPINDEX
F7	28*	BIOTECHNO
F8	21	PROMT
F9	14	MEDLINE
F10	14	TOXCENTER
F11	13	BIOSIS
F12	13*	PASCAL
F13	12	SCISEARCH
F14	10	CANCERLIT
F15	9	IFIPAT
F16	9	LIFESCI
F17	8*	ESBIOBASE
F18	7*	BIOTECHABS
F19	7*	BIOTECHDS
F20	5*	NTIS
F21	3	USPAT2
F22	2	PHAR
F23	1	CABA
F24	1	CONFSCI
F25	1	DDFU
F26	1	DRUGU
F27	1*	CIN
F28	1*	FEDRIP
L2	1307	(ALPHAVIRUS OR VEEV OR (VEE (A) VIRUS) OR (VENEZUELAN (A) EQUINE (A) ENCEPAHLITIS)) AND (CANCER OR TUMOR) (P) (VACCINE OR TREAT OR ANTIGEN## OR IMMUNOGEN##)
L3	53	L2 AND (VEEV OR VEE(A) VIRUS OR (VENEZUELAN (A) EQUINE (A) ENCEPAHLITIS))
L4	44	DUP REM L3 (9 DUPLICATES REMOVED)
L5	652	(L2) AND (ANTIGEN (S) (CANCER OR TUMOR))
6	152	L5 AND (VEEV OR VEE OR (VENEZUELAN (A) EQUINE (A) ENCEPHALITIS) OR NEU OR HER2 OR HER2/NEU)
L7	137	DUP REM L6 (15 DUPLICATES REMOVED)
file		USPATFULL, CAPLUS, EMBASE, WPINDEX, BIOTECHNO, PROMT, MEDLINE, TOXCENTER, BIOSIS
L8	141	L5 AND (VEEV OR VEE OR (VENEZUELAN (A) EQUINE (A) ENCEPHALITIS) OR NEU OR HER2 OR HER2/NEU)
L9	126	DUP REM L8 (15 DUPLICATES REMOVED)
L10	106	L9 AND (VIRUS OR VEEV OR ALPHAVIRUS) (P) (ANTIGEN)
L11	56	L10 AND (T-CELL OR TCELL) (S) (EPITOPE)

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(FILE 'HOME' ENTERED AT 14:58:52 ON 07 OCT 2002)

INDEX 'ADISALERTS, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 14:59:16 ON

07 OCT 2002

SEA (ALPHAVIRUS OR VEEV OR (VEE (A) VIRUS) OR (VENEZUELAN (A)

0* FILE ADISNEWS
0* FILE BIOCOMMERCE
13 FILE BIOSIS
7* FILE BIOTECHABS
7* FILE BIOTECHDS
28* FILE BIOTECHNO
1 FILE CABA
10 FILE CANCERLIT
47 FILE CAPLUS
0* FILE CEABA-VTB
1* FILE CIN
1 FILE CONFSCI
1 FILE DDFU
818 FILE DGENE
1 FILE DRUGU
29 FILE EMBASE
8* FILE ESBIODBASE
1* FILE FEDRIP
0* FILE FOMAD
0* FILE FOREGE
0* FILE FROSTI
0* FILE FSTA
9 FILE IFIPAT
0* FILE KOSMET
9 FILE LIFESCI
0* FILE MEDICONF
14 FILE MEDLINE
5* FILE NTIS
13* FILE PASCAL
2 FILE PHAR
0* FILE PHARMAML
21 FILE PROMT
12 FILE SCISEARCH
14 FILE TOXCENTER
295 FILE USPATFULL
3 FILE USPAT2
28 FILE WPIDS
28 FILE WPINDEX

L1 QUE (ALPHAVIRUS OR VEEV OR (VEE (A) VIRUS) OR (VENEZUELAN (A)

FILE 'DGENE, USPATFULL, CAPLUS, EMBASE, WPINDEX, BIOTECHNO, PROMT,
MEDLINE, TOXCENTER, BIOSIS' ENTERED AT 15:05:40 ON 07 OCT 2002

L2 1307 S (ALPHAVIRUS OR VEEV OR (VEE (A) VIRUS) OR (VENEZUELAN (A) EQ
L3 53 S L2 AND (VEEV OR VEE(A) VIRUS OR (VENEZUELAN (A) EQUINE (A) E
L4 44 DUP REM L3 (9 DUPLICATES REMOVED)
L5 652 S (L2) AND (ANTIGEN (S) (CANCER OR TUMOR))
L6 152 S L5 AND (VEEV OR VEE OR (VENEZUELAN (A) EQUINE (A) ENCEPHALIT
L7 137 DUP REM L6 (15 DUPLICATES REMOVED)

FILE 'USPATFULL, CAPLUS, EMBASE, WPINDEX, BIOTECHNO, PROMT, MEDLINE,
TOXCENTER, BIOSIS' ENTERED AT 15:21:14 ON 07 OCT 2002

L8 141 S L5 AND (VEEV OR VEE OR (VENEZUELAN (A) EQUINE (A) ENCEPHALIT
L9 126 DUP REM L8 (15 DUPLICATES REMOVED)
L10 106 S L9 AND (VIRUS OR VEEV OR ALPHAVIRUS) (P) (ANTIGEN)
L11 56 S L10 AND (T-CELL OR TCELL) (S) (EPITOPE)

L4 ANSWER 18 OF 44 WPINDEX (C) 2002 THOMSON DERWENT
 TI Introducing nucleic acid into cell, useful e.g. in gene therapy of tumors, using **alphavirus** vector and vector-specific antibody to enhance infection.
 IN JOHNSTON, R E; MACDONALD, G H
 AN 2001-235115 [24] WPINDEX
 DNC C2001-070478
 TI Introducing nucleic acid into cell, useful e.g. in gene therapy of tumors, using **alphavirus** vector and vector-specific antibody to enhance infection.
 DC B04 C06 D16
 IN JOHNSTON, R E; MACDONALD, G H
 PA (UYNC-N) UNIV NORTH CAROLINA
 CYC 95
 PI WO 2001016343 A1 20010308 (200124)* EN 66p
 RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ
 NL OA PT SD SE SL SZ TZ UG ZW
 W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM
 DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
 LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
 SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
 AU 2000074718 A 20010326 (200137)
 EP 1208217 A1 20020529 (200243) EN
 R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT
 RO SE SI
 ADT WO 2001016343 A1 WO 2000-US23845 20000830; AU 2000074718 A AU 2000-74718
 20000830; EP 1208217 A1 EP 2000-963282 20000830, WO 2000-US23845 20000830
 FDT AU 2000074718 A Based on WO 200116343; EP 1208217 A1 Based on WO 200116343
 PRAI US 2000-177435P 20000121; US 1999-151718P 19990831

L4 ANSWER 20 OF 44 USPATFULL
 TI Eukaryotic layered vector initiation systems
 IN Dubensky, Jr., Thomas W., Rancho Sante Fe, CA, United States
 Polo, John M., San Diego, CA, United States
 Jolly, Douglas J., Leucadia, CA, United States
 Driver, David A., San Diego, CA, United States
 AN 2000:7187 USPATFULL
 TI Eukaryotic layered vector initiation systems
 IN Dubensky, Jr., Thomas W., Rancho Sante Fe, CA, United States
 Polo, John M., San Diego, CA, United States
 Jolly, Douglas J., Leucadia, CA, United States
 Driver, David A., San Diego, CA, United States
 PA Chiron Viagene, Inc., Emeryville, CA, United States (U.S. corporation)
 PI US 6015686 20000118
 AI US 1995-404796 19950315 (8)
 RLI Continuation-in-part of Ser. No. US 1995-376184, filed on 20 Jan 1995, now abandoned which is a continuation-in-part of Ser. No. US 1994-348472, filed on 30 Nov 1994, now abandoned which is a continuation-in-part of Ser. No. US 1994-198450, filed on 18 Feb 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-122791, filed on 15 Sep 1993, now abandoned
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Ketter, James; Assistant Examiner: Brusca, John S.
 LREP Seed & Berry, Kruse, Norman J., Blackburn, Robert P.
 CLMN Number of Claims: 20
 ECL Exemplary Claim: 1
 DRWN 37 Drawing Figure(s); 30 Drawing Page(s)
 LN.CNT 10466
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L4 ANSWER 34 OF 44 DGENE (C) 2002 THOMSON DERWENT

TI Using new Venezuelan equine encephalitis virus vectors
IN Hippenmeyer P J
AN AAY23250 peptide DGENE
TI Using new Venezuelan equine encephalitis virus vectors
IN Hippenmeyer P J
PA (SEAR) SEARLE & CO G D.
PI WO 9930734 A1 19990624 40p
AI WO 1998-US25725 19981214
PRAI US 1997-68080 19971218
DT Patent
LA English
OS 1999-395093 [33]

L4 ANSWER 1 OF 44 USPATFULL
TI Construction and characterization of monoclonal antibodies against
western equine encephalitis virus
IN Nagata, Leslie P., Medicine Hat, CANADA
AN 2002:258430 USPATFULL
TI Construction and characterization of monoclonal antibodies against
western equine encephalitis virus
IN Nagata, Leslie P., Medicine Hat, CANADA
PA The Minister of National Defence (non-U.S. corporation)
PI US 2002141997 A1 20021003
AI US 2001-793606 A1 20010227 (9)
DT Utility
FS APPLICATION
LREP RADER FISHMAN & GRAUER PLLC, LION BUILDING, 1233 20TH STREET N.W., SUITE
501, WASHINGTON, DC, 20036
CLMN Number of Claims: 25
ECL Exemplary Claim: 1
DRWN 3 Drawing Page(s)
LN.CNT 635

L4 ANSWER 2 OF 44 USPATFULL
TI Regulated growth factor delivery for engineered peripheral nerve
IN Evans, Gregory R.D., Tustin, CA, UNITED STATES
Patrick, Charles W., JR., Houston, TX, UNITED STATES
Schmidt, Mathias, Konstanz, GERMANY, FEDERAL REPUBLIC OF
Fan, Zhen, Houston, TX, UNITED STATES
AN 2002:251753 USPATFULL
TI Regulated growth factor delivery for engineered peripheral nerve
IN Evans, Gregory R.D., Tustin, CA, UNITED STATES
Patrick, Charles W., JR., Houston, TX, UNITED STATES
Schmidt, Mathias, Konstanz, GERMANY, FEDERAL REPUBLIC OF
Fan, Zhen, Houston, TX, UNITED STATES
PI US 2002137706 A1 20020926
AI US 2001-910681 A1 20010720 (9)
PRAI US 2000-220086P 20000721 (60)
DT Utility
FS APPLICATION
LREP FULBRIGHT & JAWORSKI L.L.P., A REGISTERED LIMITED LIABILITY PARTNERSHIP,
SUITE 2400, 600 CONGRESS AVENUE, AUSTIN, TX, 78701
CLMN Number of Claims: 46
ECL Exemplary Claim: 1
DRWN 8 Drawing Page(s)
LN.CNT 2960

L4 ANSWER 3 OF 44 USPATFULL
TI Use of post-transcriptional gene silencing for identifying nucleic acid
sequences that modulate the function of a cell
IN Giordano, Tony, Phoenixville, PA, UNITED STATES
Pachuk, Catherine J., Lansdale, PA, UNITED STATES
Satishchandran, C., Lansdale, PA, UNITED STATES
AN 2002:243071 USPATFULL
TI Use of post-transcriptional gene silencing for identifying nucleic acid
sequences that modulate the function of a cell
IN Giordano, Tony, Phoenixville, PA, UNITED STATES
Pachuk, Catherine J., Lansdale, PA, UNITED STATES
Satishchandran, C., Lansdale, PA, UNITED STATES
PI US 2002132257 A1 20020919
AI US 2002-62707 A1 20020131 (10)
PRAI US 2001-265805P 20010131 (60)
US 2001-339260P 20011026 (60)

DT Utility
FS APPLICATION
LREP CLARK & ELBING LLP, 101 FEDERAL STREET, BOSTON, MA, 02110
CLMN Number of Claims: 36
ECL Exemplary Claim: 1
DRWN 3 Drawing Page(s)
LN.CNT 2839

L4 ANSWER 4 OF 44 USPATFULL

TI Methods for reducing adventitious agents and toxins and cell culture reagents produced thereby

IN Biddle, William C., Buffalo, NY, UNITED STATES
Fike, Richard M., Clarence, NY, UNITED STATES
Dadey, Barbara M., East Aurora, NY, UNITED STATES
Bulera, Thomas E., Lancaster, NY, UNITED STATES

AN 2002:27153 USPATFULL

TI Methods for reducing adventitious agents and toxins and cell culture reagents produced thereby

IN Biddle, William C., Buffalo, NY, UNITED STATES
Fike, Richard M., Clarence, NY, UNITED STATES
Dadey, Barbara M., East Aurora, NY, UNITED STATES
Bulera, Thomas E., Lancaster, NY, UNITED STATES

PI US 2002015999 A1 20020207

AI US 2000-576900 A1 20000523 (9)

RLI Continuation of Ser. No. US 1999-343686, filed on 30 Jun 1999, ABANDONED

PRAI US 1998-91275P 19980630 (60)

DT Utility

FS APPLICATION

LREP STERNE, KESSLER, GOLDSTEIN & FOX PLLC, 1100 NEW YORK AVENUE, N.W., SUITE 600, WASHINGTON, DC, 20005-3934

CLMN Number of Claims: 28

ECL Exemplary Claim: 1

DRWN 25 Drawing Page(s)

LN.CNT 2703

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 44 USPATFULL

TI Eliciting HCV-specific antibodies

IN Houghton, Michael, Danville, CA, UNITED STATES
Selby, Mark, San Francisco, CA, UNITED STATES
Abrignani, Sergio, Vagliagli, ITALY
Heile, Jens Martin, Ludwigsburg, GERMANY, FEDERAL REPUBLIC OF
O'Hagan, Derek, Berkeley, CA, UNITED STATES

AN 2002:4292 USPATFULL

TI Eliciting HCV-specific antibodies

IN Houghton, Michael, Danville, CA, UNITED STATES
Selby, Mark, San Francisco, CA, UNITED STATES
Abrignani, Sergio, Vagliagli, ITALY
Heile, Jens Martin, Ludwigsburg, GERMANY, FEDERAL REPUBLIC OF
O'Hagan, Derek, Berkeley, CA, UNITED STATES

PI US 2002002272 A1 20020103

AI US 2000-728423 A1 20001201 (9)

PRAI US 1999-168234P 19991201 (60)

US 2000-185055P 20000225 (60)

DT Utility

FS APPLICATION

LREP Chiron Corporation, Intellectual Property - R440, P.O. Box 8097, Emeryville, CA, 94662-8097

CLMN Number of Claims: 27

ECL Exemplary Claim: 1

DRWN 4 Drawing Page(s)

LN.CNT 1576

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 6 OF 44 USPATFULL

TI Recombinant **alphavirus**-based vectors with reduced inhibition
of cellular macromolecular synthesis

IN Dubensky, Jr., Thomas W., Del Mar, CA, United States
Polo, John M., Encinitas, CA, United States
Belli, Barbara A., San Diego, CA, United States
Schlesinger, Sondra, St. Louis, MO, United States
Dryga, Sergey A., Fort Collins, CO, United States
Frolov, Ilya, St. Louis, MO, United States

AN 2002:254196 USPATFULL

TI Recombinant **alphavirus**-based vectors with reduced inhibition
of cellular macromolecular synthesis

IN Dubensky, Jr., Thomas W., Del Mar, CA, United States
Polo, John M., Encinitas, CA, United States
Belli, Barbara A., San Diego, CA, United States
Schlesinger, Sondra, St. Louis, MO, United States
Dryga, Sergey A., Fort Collins, CO, United States
Frolov, Ilya, St. Louis, MO, United States

PA Chiron Corporation, Emeryville, CA, United States (U.S. corporation)
Washington University, St. Louis, MO, United States (U.S. corporation)

PI US 6458560 B1 20021001

AI US 1999-415868 19991008 (9)

RLI Division of Ser. No. US 1997-944645, filed on 6 Oct 1997
Continuation-in-part of Ser. No. US 1997-833148, filed on 4 Apr 1997,
now abandoned Continuation-in-part of Ser. No. US 1996-679640, filed on
12 Jul 1996, now abandoned Continuation-in-part of Ser. No. US
1996-668953, filed on 24 Jun 1996, now abandoned Continuation-in-part of
Ser. No. US 1996-628594, filed on 5 Apr 1996, now abandoned

DT Utility

FS GRANTED

EXNAM Primary Examiner: Wortman, Donna C.

LREP Dollard, Anne S., Cullman, Louis C., Blackburn, Robert P.

CLMN Number of Claims: 24

ECL Exemplary Claim: 1

DRWN 68 Drawing Figure(s); 63 Drawing Page(s)

LN.CNT 8154

L4 ANSWER 7 OF 44 USPATFULL

TI Recombinant **alphavirus**-based vectors with reduced inhibition
of cellular macromolecular synthesis

IN Dubensky, Jr., Thomas W., Del Mar, CA, United States
Polo, John M., Encinitas, CA, United States
Belli, Barbara A., San Diego, CA, United States
Schlesinger, Sondra, St. Louis, MO, United States
Dryga, Sergey A., Fort Collins, CO, United States
Frolov, Ilya, St. Louis, MO, United States

AN 2002:238871 USPATFULL

TI Recombinant **alphavirus**-based vectors with reduced inhibition
of cellular macromolecular synthesis

IN Dubensky, Jr., Thomas W., Del Mar, CA, United States
Polo, John M., Encinitas, CA, United States
Belli, Barbara A., San Diego, CA, United States
Schlesinger, Sondra, St. Louis, MO, United States
Dryga, Sergey A., Fort Collins, CO, United States
Frolov, Ilya, St. Louis, MO, United States

PA Chiron Corporation, Emeryville, CA, United States (U.S. corporation)
Washington University, St. Louis, MO, United States (U.S. corporation)

PI US 6451592 B1 20020917

AI US 1997-944465 19971006 (8)
RLI Continuation-in-part of Ser. No. US 1997-833148, filed on 4 Apr 1997,
now abandoned Continuation-in-part of Ser. No. US 1996-679640, filed on
12 Jul 1996, now abandoned Continuation-in-part of Ser. No. US
1996-668953, filed on 24 Jun 1996, now abandoned Continuation-in-part of
Ser. No. US 1996-628594, filed on 5 Apr 1996, now abandoned
DT Utility
FS GRANTED
EXNAM Primary Examiner: Wortman, Donna C.
LREP Dollard, Anne S., Cullman, Louis C., Blackburn, Robert P.
CLMN Number of Claims: 26
ECL Exemplary Claim: 1
DRWN 68 Drawing Figure(s); 63 Drawing Page(s)
LN.CNT 8461
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 8 OF 44 USPATFULL
TI Regulated expression of recombinant proteins using RNA viruses
IN Jessee, Joel A., Mount Airy, MD, United States
Ciccarone, Valentina C., Gaithersburg, MD, United States
AN 2002:238860 USPATFULL
TI Regulated expression of recombinant proteins using RNA viruses
IN Jessee, Joel A., Mount Airy, MD, United States
Ciccarone, Valentina C., Gaithersburg, MD, United States
PA Invitrogen Corporation, Carlsbad, CA, United States (U.S. corporation)
PI US 6451579 B1 20020917
AI US 1999-361740 19990728 (9)
PRAI US 1998-94476P 19980729 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Prouty, Rebecca E.; Assistant Examiner: Hutson,
Richard G.
LREP Sterne, Kessler, Goldstein & Fox P.L.L.C.
CLMN Number of Claims: 9
ECL Exemplary Claim: 1
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 1243
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 9 OF 44 USPATFULL
TI Viral vectors having chimeric envelope proteins containing the
IgG-binding domain of protein A
IN Meruelo, Daniel, Scarborough, NY, United States
Ohno, Kouichi, Kagoshima, JAPAN
AN 2002:201894 USPATFULL
TI Viral vectors having chimeric envelope proteins containing the
IgG-binding domain of protein A
IN Meruelo, Daniel, Scarborough, NY, United States
Ohno, Kouichi, Kagoshima, JAPAN
PA New York University, New York, NY, United States (U.S. corporation)
PI US 6432699 B1 20020813
AI US 1997-829558 19970328 (8)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Wortman, Donna; Assistant Examiner: Zeman, Robert A.
LREP Darby & Darby
CLMN Number of Claims: 13
ECL Exemplary Claim: 1
DRWN 33 Drawing Figure(s); 8 Drawing Page(s)
LN.CNT 1124
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 10 OF 44 USPATFULL
TI **Alphavirus** structural protein expression cassettes
IN Dubensky, Jr., Thomas W., Piedmont, CA, United States
Polo, John M., Encinitas, CA, United States
Schlesinger, Sondra, St. Louis, MO, United States
Frolov, Ilya, St. Louis, MO, United States
AN 2002:188229 USPATFULL
TI **Alphavirus** structural protein expression cassettes
IN Dubensky, Jr., Thomas W., Piedmont, CA, United States
Polo, John M., Encinitas, CA, United States
Schlesinger, Sondra, St. Louis, MO, United States
Frolov, Ilya, St. Louis, MO, United States
PA Chiron Corporation, Emeryville, CA, United States (U.S. corporation)
Washington University, St. Louis, MO, United States (U.S. corporation)
PI US 6426196 B1 20020730
AI US 1999-415785 19991008 (9)
RLI Division of Ser. No. US 1997-944465, filed on 6 Oct 1997
Continuation-in-part of Ser. No. US 1997-833148, filed on 4 Apr 1997,
now abandoned Continuation-in-part of Ser. No. US 1996-679640, filed on
12 Jul 1996, now abandoned Continuation-in-part of Ser. No. US
1996-668953, filed on 24 Jun 1996, now abandoned Continuation-in-part of
Ser. No. US 1996-628594, filed on 5 Apr 1996, now abandoned
DT Utility
FS GRANTED
EXNAM Primary Examiner: Wortman, Donna C.
LREP Blackburn, Robert P., Pasternak, Dahna, Dollard, Anne S.
CLMN Number of Claims: 27
ECL Exemplary Claim: 1
DRWN 68 Drawing Figure(s); 63 Drawing Page(s)
LN.CNT 8254
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 11 OF 44 USPATFULL
TI Recombinant **alphavirus**-based vectors with reduced inhibition
of cellular macromolecular synthesis
IN Dubensky, Jr., Thomas W., Del Mon, CA, United States
Polo, John M., Encinitas, CA, United States
Belli, Barbara A., San Diego, CA, United States
Schlesinger, Sondra, St. Louis, MO, United States
Dryga, Sergey A., Fort Collins, CO, United States
Frolov, Ilya, St. Louis, MO, United States
AN 2002:116068 USPATFULL
TI Recombinant **alphavirus**-based vectors with reduced inhibition
of cellular macromolecular synthesis
IN Dubensky, Jr., Thomas W., Del Mon, CA, United States
Polo, John M., Encinitas, CA, United States
Belli, Barbara A., San Diego, CA, United States
Schlesinger, Sondra, St. Louis, MO, United States
Dryga, Sergey A., Fort Collins, CO, United States
Frolov, Ilya, St. Louis, MO, United States
PA Chiron Corporation, Emeryville, CA, United States (U.S. corporation)
Washington University, St. Louis, MO, United States (U.S. corporation)
PI US 6391632 B1 20020521
AI US 1999-415784 19991008 (9)
RLI Division of Ser. No. US 1997-944465, filed on 6 Oct 1997
Continuation-in-part of Ser. No. US 1997-833148, filed on 4 Apr 1997,
now abandoned Continuation-in-part of Ser. No. US 1996-679640, filed on
12 Jul 1996, now abandoned Continuation-in-part of Ser. No. US
1996-668953, filed on 24 Jun 1996, now abandoned Continuation-in-part of
Ser. No. US 1996-628594, filed on 5 Apr 1996, now abandoned

DT Utility
FS GRANTED
EXNAM Primary Examiner: Wortman, Donna C.
LREP Dollard, Anne S., Cullman, Louis C., Blackburn, Robert P.
CLMN Number of Claims: 28
ECL Exemplary Claim: 1
DRWN 68 Drawing Figure(s); 63 Drawing Page(s)
LN.CNT 8166
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 12 OF 44 USPATFULL
TI Recombinant **alphavirus** particles
IN Dubensky, Jr., Thomas W., Rancho Sante Fe, CA, United States
Polo, John M., San Diego, CA, United States
Ibanez, Carlos E., San Diego, CA, United States
Driver, David A., San Diego, CA, United States
AN 2002:88256 USPATFULL
TI Recombinant **alphavirus** particles
IN Dubensky, Jr., Thomas W., Rancho Sante Fe, CA, United States
Polo, John M., San Diego, CA, United States
Ibanez, Carlos E., San Diego, CA, United States
Driver, David A., San Diego, CA, United States
PA Chiron Corporation, Emeryville, CA, United States (U.S. corporation)
PI US 6376236 B1 20020423
AI US 1999-236140 19990122 (9)
RLI Division of Ser. No. US 1995-404796, filed on 15 Mar 1995, now patented,
Pat. No. US 6015686 Continuation-in-part of Ser. No. US 1995-376184,
filed on 18 Jan 1995, now abandoned Continuation-in-part of Ser. No. US
1994-348472, filed on 30 Nov 1994, now abandoned Continuation-in-part of
Ser. No. US 1994-198450, filed on 18 Feb 1994, now abandoned
Continuation-in-part of Ser. No. US 1993-122791, filed on 15 Sep 1993,
now abandoned

DT Utility
FS GRANTED
EXNAM Primary Examiner: Brusca, John S.
LREP McMasters, David D., Dollard, Anne S., Blackburn, Robert P.
CLMN Number of Claims: 11
ECL Exemplary Claim: 1
DRWN 37 Drawing Figure(s); 30 Drawing Page(s)
LN.CNT 9308
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 13 OF 44 USPATFULL
TI Eukaryotic layered vector initiation systems for production of
recombinant proteins
IN Dubensky, Jr., Thomas W., Rancho Sante Fe, CA, United States
Polo, John M., San Diego, CA, United States
Driver, David A., San Diego, CA, United States
AN 2002:19196 USPATFULL
TI Eukaryotic layered vector initiation systems for production of
recombinant proteins
IN Dubensky, Jr., Thomas W., Rancho Sante Fe, CA, United States
Polo, John M., San Diego, CA, United States
Driver, David A., San Diego, CA, United States
PA Chiron Corporation, Emeryville, CA, United States (U.S. corporation)
PI US 6342372 B1 20020129
AI US 1999-350399 19990708 (9)
RLI Continuation of Ser. No. US 1997-931783, filed on 16 Sep 1997, now
abandoned Division of Ser. No. US 1995-404796, filed on 15 Mar 1995, now
patented, Pat. No. US 6015686 Continuation-in-part of Ser. No. US
1995-376184, filed on 20 Jan 1995, now abandoned Continuation-in-part of

Ser. No. US 1994-348472, filed on 30 Nov 1994, now abandoned
Continuation-in-part of Ser. No. US 1994-198450, filed on 18 Feb 1994,
now abandoned Continuation-in-part of Ser. No. US 1993-122791, filed on
15 Sep 1993, now abandoned

DT Utility
FS GRANTED
EXNAM Primary Examiner: Brusca, John S.
LREP McMasters, David D., Dollard, Anne S., Blackburn, Robert P.
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN 37 Drawing Figure(s); 30 Drawing Page(s)
LN.CNT 10217
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 14 OF 44 WPINDEX (C) 2002 THOMSON DERWENT
TI New recombinant polynucleotides encoding positive-strand RNA virus
structural proteins useful for creating virus-based (e.g. poxvirus)
replicon particle packaging systems for use in recombinant protein
synthesis or gene therapy.
IN KOVACS, G R; KOWALSKI, J; VASILAKIS, N; ZAMB, T
AN 2002-315540 [35] WPINDEX
DNC C2002-091891
TI New recombinant polynucleotides encoding positive-strand RNA virus
structural proteins useful for creating virus-based (e.g. poxvirus)
replicon particle packaging systems for use in recombinant protein
synthesis or gene therapy.
DC B04 D16
IN KOVACS, G R; KOWALSKI, J; VASILAKIS, N; ZAMB, T
PA (AMCY) AMERICAN CYANAMID CO
CYC 97
PI WO 2002018585 A2 20020307 (200235)* EN 99p
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ
NL OA PT SD SE SL SZ TR TZ UG ZW
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
AU 2001093222 A 20020313 (200249)
ADT WO 2002018585 A2 WO 2001-US41888 20010828; AU 2001093222 A AU 2001-93222
20010828
FDT AU 2001093222 A Based on WO 200218585
PRAI US 2000-228906P 20000829

L4 ANSWER 15 OF 44 PROMT COPYRIGHT 2002 Gale Group
TI PSMA LICENSES ALPHAVAX ARV FOR PROSTATE **CANCER VACCINE**
SO Biotech Business, (1 Oct 2001) No. 10.
ISSN: 0899-5702.
AN 2001:682500 PROMT
TI PSMA LICENSES ALPHAVAX ARV FOR PROSTATE **CANCER VACCINE**
SO Biotech Business, (1 Oct 2001) No. 10.
ISSN: 0899-5702.
PB Worldwide Videotex
DT Newsletter
LA English
WC 1231
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L4 ANSWER 16 OF 44 PROMT COPYRIGHT 2002 Gale Group

TI Progenics and Cytogen Develop Novel Prostate **Cancer Vaccine** in Collaboration With AlphaVax.

SO PR Newswire, (6 Sep 2001) .

AN 2001:660859 PROMT

TI Progenics and Cytogen Develop Novel Prostate **Cancer Vaccine** in Collaboration With AlphaVax.

SO PR Newswire, (6 Sep 2001) .

PB PR Newswire Association, Inc.

DT Newsletter

LA English

WC 1650

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L4 ANSWER 17 OF 44 USPATFULL

TI Overcoming interference in **alphavirus** immune individuals

IN Hart, Mary Katherine, Frederick, MD, United States

Azarion, Maryam, Damascus, MD, United States

AN 2001:111838 USPATFULL

TI Overcoming interference in **alphavirus** immune individuals

IN Hart, Mary Katherine, Frederick, MD, United States

Azarion, Maryam, Damascus, MD, United States

PA The United States of America as represented by the Secretary of the Army, Washington, DC, United States (U.S. government)

PI US 6261567 B1 20010717

AI US 1998-82357 19980520 (9)

PRAI US 1997-47167P 19970520 (60)

US 1998-77731P 19980312 (60)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Mosher, Mary E.

LREP Arwine, Elizabeth, Harris, Charles H.

CLMN Number of Claims: 30

ECL Exemplary Claim: 1

DRWN 7 Drawing Figure(s); 7 Drawing Page(s)

LN.CNT 1579

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 18 OF 44 WPINDEX (C) 2002 THOMSON DERWENT

TI Introducing nucleic acid into cell, useful e.g. in gene therapy of tumors, using **alphavirus** vector and vector-specific antibody to enhance infection.

IN JOHNSTON, R E; MACDONALD, G H

AN 2001-235115 [24] WPINDEX

DNC C2001-070478

TI Introducing nucleic acid into cell, useful e.g. in gene therapy of tumors, using **alphavirus** vector and vector-specific antibody to enhance infection.

DC B04 C06 D16

IN JOHNSTON, R E; MACDONALD, G H

PA (UYN-C-N) UNIV NORTH CAROLINA

CYC 95

PI WO 2001016343 A1 20010308 (200124)* EN 66p

RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ
NL OA PT SD SE SL SZ TZ UG ZW

W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

AU 2000074718 A 20010326 (200137)

EP 1208217 A1 20020529 (200243) EN

R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT
RO SE SI

ADT WO 2001016343 A1 WO 2000-US23845 20000830; AU 2000074718 A AU 2000-74718
20000830; EP 1208217 A1 EP 2000-963282 20000830, WO 2000-US23845 20000830
FDT AU 2000074718 A Based on WO 200116343; EP 1208217 A1 Based on WO 200116343
PRAI US 2000-177435P 20000121; US 1999-151718P 19990831

L4 ANSWER 19 OF 44 USPATFULL

TI Method for stimulating an immune response utilizing recombinant
alphavirus particles

IN Dubensky, Jr., Thomas W., Rancho Sante Fe, CA, United States
Polo, John M., San Diego, CA, United States
Chang, Steven M.W., San Diego, CA, United States
Jolly, Douglas J., Leucadia, CA, United States

AN 2000:7195 USPATFULL

TI Method for stimulating an immune response utilizing recombinant
alphavirus particles

IN Dubensky, Jr., Thomas W., Rancho Sante Fe, CA, United States
Polo, John M., San Diego, CA, United States
Chang, Steven M.W., San Diego, CA, United States
Jolly, Douglas J., Leucadia, CA, United States

PA Chiron Corporation, Emeryville, CA, United States (U.S. corporation)

PI US 6015694 20000118

AI US 1997-931869 19970916 (8)

RLI Division of Ser. No. US 1995-404796, filed on 15 Mar 1995 which is a
continuation-in-part of Ser. No. US 1995-376184, filed on 18 Jan 1995,
now abandoned which is a continuation-in-part of Ser. No. US
1994-348472, filed on 30 Nov 1994, now abandoned which is a
continuation-in-part of Ser. No. US 1994-198450, filed on 18 Feb 1994,
now abandoned which is a continuation-in-part of Ser. No. US
1993-122791, filed on 15 Sep 1993, now abandoned

DT Utility

FS Granted

EXNAM Primary Examiner: Brusca, John S.

LREP McMasters, David D., Blackburn, Robert P.

CLMN Number of Claims: 11

ECL Exemplary Claim: 1

DRWN 35 Drawing Figure(s); 30 Drawing Page(s)

LN.CNT 10431

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 20 OF 44 USPATFULL

TI Eukaryotic layered vector initiation systems

IN Dubensky, Jr., Thomas W., Rancho Sante Fe, CA, United States
Polo, John M., San Diego, CA, United States
Jolly, Douglas J., Leucadia, CA, United States
Driver, David A., San Diego, CA, United States

AN 2000:7187 USPATFULL

TI Eukaryotic layered vector initiation systems

IN Dubensky, Jr., Thomas W., Rancho Sante Fe, CA, United States
Polo, John M., San Diego, CA, United States
Jolly, Douglas J., Leucadia, CA, United States
Driver, David A., San Diego, CA, United States

PA Chiron Viagene, Inc., Emeryville, CA, United States (U.S. corporation)

PI US 6015686 20000118

AI US 1995-404796 19950315 (8)

RLI Continuation-in-part of Ser. No. US 1995-376184, filed on 20 Jan 1995,
now abandoned which is a continuation-in-part of Ser. No. US
1994-348472, filed on 30 Nov 1994, now abandoned which is a
continuation-in-part of Ser. No. US 1994-198450, filed on 18 Feb 1994,
now abandoned which is a continuation-in-part of Ser. No. US

1993-122791, filed on 15 Sep 1993, now abandoned

DT Utility
FS Granted
EXNAM Primary Examiner: Ketter, James; Assistant Examiner: Brusca, John S.
LREP Seed & Berry, Kruse, Norman J., Blackburn, Robert P.
CLMN Number of Claims: 20
ECL Exemplary Claim: 1
DRWN 37 Drawing Figure(s); 30 Drawing Page(s)
LN.CNT 10466
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 21 OF 44 BIOTECHNO COPYRIGHT 2002 Elsevier Science B.V.
TI Pegylated alpha interferon is an effective treatment for virulent venezuelan equine encephalitis virus and has profound effects on the host immune response to infection
AU Lukaszewski R.A.; Brooks T.J.G.
SO Journal of Virology, (2000), 74/11 (5006-5015), 42 reference(s)
CODEN: JOVIAM ISSN: 0022-538X
AN 2000:30313839 BIOTECHNO
TI Pegylated alpha interferon is an effective treatment for virulent venezuelan equine encephalitis virus and has profound effects on the host immune response to infection
AU Lukaszewski R.A.; Brooks T.J.G.
CS R.A. Lukaszewski, CBD, Porton Down, Salisbury, Wiltshire SP4 0JQ, United Kingdom.
E-mail: rlukaszewski@hotmail.com
SO Journal of Virology, (2000), 74/11 (5006-5015), 42 reference(s)
CODEN: JOVIAM ISSN: 0022-538X
DT Journal; Article
CY United States
LA English
SL English

L4 ANSWER 22 OF 44 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 1
TI An immunological profile of Balb/c mice protected from airborne challenge following vaccination with a live attenuated Venezuelan equine encephalitis virus vaccine
AU Bennett, A. M.; Elvin, S. J.; Wright, A. J.; Jones, S. M.; Phillpotts, R. J.
SO Vaccine (2000), 19(2-3), 337-347
CODEN: VACCDE; ISSN: 0264-410X
AN 2000:526207 CAPLUS
DN 134:264777
TI An immunological profile of Balb/c mice protected from airborne challenge following vaccination with a live attenuated Venezuelan equine encephalitis virus vaccine
AU Bennett, A. M.; Elvin, S. J.; Wright, A. J.; Jones, S. M.; Phillpotts, R. J.
CS CBD n Down, Defence Evaluation and Research Agency, Salisbury, SP4 0JQ, UK
SO Vaccine (2000), 19(2-3), 337-347
CODEN: VACCDE; ISSN: 0264-410X
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 23 OF 44 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 2
TI **Alphavirus** DNA and particle replicons for vaccines and gene therapy
AU Polo, J. M.; Gardner, J. P.; Ji, Y.; Belli, B. A.; Driver, D. A.;

Sherrill, S.; Perri, S.; Liu, M. A.; Dubensky, T. W., Jr.
SO Developments in Biologicals (2000), 104(Development and Clinical Progress
of DNA Vaccines), 181-185
CODEN: DBEIAI; ISSN: 1424-6074
AN 2000:727180 CAPLUS
DN 134:264711
TI **Alphavirus** DNA and particle replicons for vaccines and gene
therapy
AU Polo, J. M.; Gardner, J. P.; Ji, Y.; Belli, B. A.; Driver, D. A.;
Sherrill, S.; Perri, S.; Liu, M. A.; Dubensky, T. W., Jr.
CS Vaccines & Gene Therapy, Emeryville, CA, USA
SO Developments in Biologicals (2000), 104(Development and Clinical Progress
of DNA Vaccines), 181-185
CODEN: DBEIAI; ISSN: 1424-6074
PB S. Karger AG
DT Journal; General Review
LA English
RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 24 OF 44 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 3
TI Inflammation is a component of neurodegeneration in response to Venezuelan
equine encephalitis virus infection in mice
AU Schoneboom, B. A.; Catlin, K. M. K.; Marty, A. M.; Grieder, F. B.
SO Journal of Neuroimmunology (2000), 109(2), 132-146
CODEN: JNRIDW; ISSN: 0165-5728
AN 2000:660861 CAPLUS
DN 134:3866
TI Inflammation is a component of neurodegeneration in response to Venezuelan
equine encephalitis virus infection in mice
AU Schoneboom, B. A.; Catlin, K. M. K.; Marty, A. M.; Grieder, F. B.
CS Program in Neuroscience, Uniformed Services University of the Health
Sciences, Bethesda, MD, 20814-4799, USA
SO Journal of Neuroimmunology (2000), 109(2), 132-146
CODEN: JNRIDW; ISSN: 0165-5728
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 71 THERE ARE 71 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 25 OF 44 PROMT COPYRIGHT 2002 Gale Group
TI Scientists Prepare Defense Against Germ Warfare.
SO World Disease Weekly Plus, (12 Apr 1999) .
AN 1999:222780 PROMT
TI Scientists Prepare Defense Against Germ Warfare.
SO World Disease Weekly Plus, (12 Apr 1999) .
PB Charles W. Henderson
DT Newsletter
LA English
WC 527
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L4 ANSWER 26 OF 44 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 5
TI Venezuelan equine encephalitis virus vectors expressing **tumor**
-associated **antigens** to induce **cancer** immunity
IN Hippenmeyer, Paul J.
SO PCT Int. Appl., 40 pp.
CODEN: PIXXD2
AN 1999:401694 CAPLUS

DN 131:43583
TI Venezuelan equine encephalitis virus vectors expressing **tumor**
-associated **antigens** to induce **cancer** immunity
IN Hippenmeyer, Paul J.
PA G.D. Searle & Co., USA
SO PCT Int. Appl., 40 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9930734	A1	19990624	WO 1998-US25725	19981214
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	CA 2309765	AA	19990624	CA 1998-2309765	19981214
	AU 9917106	A1	19990705	AU 1999-17106	19981214
	EP 1039926	A1	20001004	EP 1998-961904	19981214
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI			
PRAI	US 1997-68080P	P	19971218		
	WO 1998-US25725	W	19981214		

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 27 OF 44 USPATFULL

TI **Alphavirus** vector constructs
IN Dubensky, Jr., Thomas W., Rancho Sante Fe, CA, United States
Polo, John M., San Diego, CA, United States
Ibanez, Carlos E., San Diego, CA, United States
Chang, Stephen M. W., San Diego, CA, United States
Jolly, Douglas J., Leucadia, CA, United States
Driver, David A., San Diego, CA, United States
Belli, Barbara A., San Diego, CA, United States

AN 1998:150739 USPATFULL

TI **Alphavirus** vector constructs
IN Dubensky, Jr., Thomas W., Rancho Sante Fe, CA, United States
Polo, John M., San Diego, CA, United States
Ibanez, Carlos E., San Diego, CA, United States
Chang, Stephen M. W., San Diego, CA, United States
Jolly, Douglas J., Leucadia, CA, United States
Driver, David A., San Diego, CA, United States
Belli, Barbara A., San Diego, CA, United States

PA Chiron Corporation, Emeryville, CA, United States (U.S. corporation)

PI US 5843723 19981201

AI US 1996-739167 19961030 (8)

RLI Continuation of Ser. No. US 1995-404796, filed on 20 Mar 1995 which is a continuation-in-part of Ser. No. US 1995-376184, filed on 20 Jan 1995, now abandoned which is a continuation-in-part of Ser. No. US 1994-348472, filed on 30 Nov 1994, now abandoned which is a continuation-in-part of Ser. No. US 1994-198450, filed on 18 Feb 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-122791, filed on 15 Sep 1993, now abandoned

DT Utility
FS Granted

EXNAM Primary Examiner: Ketter, James; Assistant Examiner: Brusca, John S.
LREP McMasters, David D., Kruse, Norman J., Blackburn, Robert P.
CLMN Number of Claims: 47
ECL Exemplary Claim: 1
DRWN 37 Drawing Figure(s); 30 Drawing Page(s)
LN.CNT 10318
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 28 OF 44 USPATFULL
TI Eukaryotic layered vector initiation systems
IN Dubensky, Jr., Thomas W., P.O. Box 675205, Rancho Sante Fe, CA, United States 92067
Polo, John M., 1222 Reed Ave., Number 4, San Diego, CA, United States 92109
Jolly, Douglas J., 277 Hillcrest Dr., Leucadia, CA, United States 92024
Driver, David A., 5142 Biltmore St., San Diego, CA, United States 92117
AN 1998:119004 USPATFULL
TI Eukaryotic layered vector initiation systems
IN Dubensky, Jr., Thomas W., P.O. Box 675205, Rancho Sante Fe, CA, United States 92067
Polo, John M., 1222 Reed Ave., Number 4, San Diego, CA, United States 92109
Jolly, Douglas J., 277 Hillcrest Dr., Leucadia, CA, United States 92024
Driver, David A., 5142 Biltmore St., San Diego, CA, United States 92117
PI US 5814482 19980929
AI US 1996-739158 19961030 (8)
RLI Division of Ser. No. US 1995-404796, filed on 15 Mar 1995 which is a continuation-in-part of Ser. No. US 1995-376184, filed on 18 Jan 1995, now abandoned which is a continuation-in-part of Ser. No. US 1994-348472, filed on 30 Nov 1994, now abandoned which is a continuation-in-part of Ser. No. US 1994-198450, filed on 18 Feb 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-122791, filed on 15 Sep 1993, now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Ketter, James; Assistant Examiner: Brusca, John S.
LREP Seed & Berry, Kruse, Norman J., Blackburn, Robert P.
CLMN Number of Claims: 25
ECL Exemplary Claim: 1
DRWN 37 Drawing Figure(s); 30 Drawing Page(s)
LN.CNT 10431
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 29 OF 44 USPATFULL
TI **Alphavirus** structural protein expression cassettes
IN Dubensky, Jr., Thomas W., Rancho Sante Fe, CA, United States
Polo, John M., San Diego, CA, United States
Ibanez, Carlos E., San Diego, CA, United States
Chang, Stephen M. W., San Diego, CA, United States
Jolly, Douglas J., Leucadia, CA, United States
Driver, David A., San Diego, CA, United States
AN 1998:91872 USPATFULL
TI **Alphavirus** structural protein expression cassettes
IN Dubensky, Jr., Thomas W., Rancho Sante Fe, CA, United States
Polo, John M., San Diego, CA, United States
Ibanez, Carlos E., San Diego, CA, United States
Chang, Stephen M. W., San Diego, CA, United States
Jolly, Douglas J., Leucadia, CA, United States
Driver, David A., San Diego, CA, United States
PA Chiron Corporation, Emeryville, CA, United States (U.S. corporation)
PI US 5789245 19980804

AI US 1996-741881 19961030 (8)
RLI Division of Ser. No. US 1995-404796, filed on 15 Mar 1995 which is a
continuation-in-part of Ser. No. US 1995-376184, filed on 20 Jan 1995,
now abandoned which is a continuation-in-part of Ser. No. US
1994-348472, filed on 30 Nov 1994, now abandoned which is a
continuation-in-part of Ser. No. US 1994-198450, filed on 18 Feb 1994,
now abandoned which is a continuation-in-part of Ser. No. US
1993-122791, filed on 15 Sep 1993, now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Ketter, James; Assistant Examiner: Brusca, John S.
LREP McMasters, David D., Kruse, Norman J., Blackburn, Robert P.
CLMN Number of Claims: 29
ECL Exemplary Claim: 1
DRWN 35 Drawing Figure(s); 30 Drawing Page(s)
LN.CNT 10270
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 30 OF 44 USPATFULL
TI Compositions of N-(phosphonoacetyl)-L-aspartic acid and methods of their
use as broad spectrum antivirals
IN Blough, Herbert A., Berwyn, PA, United States
AN 96:12856 USPATFULL
TI Compositions of N-(phosphonoacetyl)-L-aspartic acid and methods of their
use as broad spectrum antivirals
IN Blough, Herbert A., Berwyn, PA, United States
PA U.S. Bioscience, Inc., West Conshohocken, PA, United States (U.S.
corporation)
PI US 5491135 19960213
AI US 1993-32234 19930317 (8)
RLI Continuation-in-part of Ser. No. US 1992-853454, filed on 18 Mar 1992,
now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Dees, Jose G.; Assistant Examiner: Jones, Dwayne C.
LREP Pennie & Edmonds
CLMN Number of Claims: 13
ECL Exemplary Claim: 1
DRWN 13 Drawing Figure(s); 9 Drawing Page(s)
LN.CNT 3264
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 31 OF 44 USPATFULL
TI Control of microbial infections in transplant patients
IN Czarniecki, Christine, San Francisco, CA, United States
Klein, Jon B., Louisville, KY, United States
Slater, A. David, Louisville, KY, United States
Sonnenfeld, Gerald, Louisville, KY, United States
AN 93:80574 USPATFULL
TI Control of microbial infections in transplant patients
IN Czarniecki, Christine, San Francisco, CA, United States
Klein, Jon B., Louisville, KY, United States
Slater, A. David, Louisville, KY, United States
Sonnenfeld, Gerald, Louisville, KY, United States
PA Genentech, Inc., South San Francisco, CA, United States (U.S.
corporation)
PI US 5248499 19930928
AI US 1991-773382 19911007 (7)
DT Utility
FS Granted
EXNAM Primary Examiner: Wityshyn, Michael G.; Assistant Examiner: Koh, Choon

P.
LREP Dreger, Ginger R.
CLMN Number of Claims: 33
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1021
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 32 OF 44 DGENE (C) 2002 THOMSON DERWENT
TI Using new Venezuelan equine encephalitis virus vectors
IN Hippenmeyer P J
AN AAY23253 peptide DGENE
TI Using new Venezuelan equine encephalitis virus vectors
IN Hippenmeyer P J
PA (SEAR) SEARLE & CO G D.
PI WO 9930734 A1 19990624 40p
AI WO 1998-US25725 19981214
PRAI US 1997-68080 19971218
DT Patent
LA English
OS 1999-395093 [33]

L4 ANSWER 33 OF 44 DGENE (C) 2002 THOMSON DERWENT
TI Using new Venezuelan equine encephalitis virus vectors
IN Hippenmeyer P J
AN AAY23252 peptide DGENE
TI Using new Venezuelan equine encephalitis virus vectors
IN Hippenmeyer P J
PA (SEAR) SEARLE & CO G D.
PI WO 9930734 A1 19990624 40p
AI WO 1998-US25725 19981214
PRAI US 1997-68080 19971218
DT Patent
LA English
OS 1999-395093 [33]

L4 ANSWER 34 OF 44 DGENE (C) 2002 THOMSON DERWENT
TI Using new Venezuelan equine encephalitis virus vectors
IN Hippenmeyer P J
AN AAY23250 peptide DGENE
TI Using new Venezuelan equine encephalitis virus vectors
IN Hippenmeyer P J
PA (SEAR) SEARLE & CO G D.
PI WO 9930734 A1 19990624 40p
AI WO 1998-US25725 19981214
PRAI US 1997-68080 19971218
DT Patent
LA English
OS 1999-395093 [33]

L4 ANSWER 35 OF 44 DGENE (C) 2002 THOMSON DERWENT
TI Using new Venezuelan equine encephalitis virus vectors
IN Hippenmeyer P J
AN AAY23251 peptide DGENE
TI Using new Venezuelan equine encephalitis virus vectors
IN Hippenmeyer P J
PA (SEAR) SEARLE & CO G D.
PI WO 9930734 A1 19990624 40p
AI WO 1998-US25725 19981214
PRAI US 1997-68080 19971218
DT Patent

LA English
OS 1999-395093 [33]

L4 ANSWER 36 OF 44 DGENE (C) 2002 THOMSON DERWENT
TI **Alphavirus** vectors with reduced cytopathic effects
IN Belli B A; Dryga S A; Dubensky T W; Frolov I; Polo J M; Schlesinger S
AN AAX58557 DNA DGENE
TI **Alphavirus** vectors with reduced cytopathic effects
IN Belli B A; Dryga S A; Dubensky T W; Frolov I; Polo J M; Schlesinger S
PA (CHIR) CHIRON CORP.
(UNIW) UNIV WASHINGTON.
PI WO 9918226 A2 19990415 235p
AI WO 1998-US21062 19981006
PRAI US 1997-944465 19971006
DT Patent
LA English
OS 1999-264032 [22]

L4 ANSWER 37 OF 44 DGENE (C) 2002 THOMSON DERWENT
TI **Alphavirus** vectors with reduced cytopathic effects
IN Belli B A; Dryga S A; Dubensky T W; Frolov I; Polo J M; Schlesinger S
AN AAX58556 DNA DGENE
TI **Alphavirus** vectors with reduced cytopathic effects
IN Belli B A; Dryga S A; Dubensky T W; Frolov I; Polo J M; Schlesinger S
PA (CHIR) CHIRON CORP.
(UNIW) UNIV WASHINGTON.
PI WO 9918226 A2 19990415 235p
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DT Patent
LA English
OS 1999-264032 [22]

L4 ANSWER 38 OF 44 DGENE (C) 2002 THOMSON DERWENT
TI Using new Venezuelan equine encephalitis virus vectors
IN Hippenmeyer P J
AN AAX81734 DNA DGENE
TI Using new Venezuelan equine encephalitis virus vectors
IN Hippenmeyer P J
PA (SEAR) SEARLE & CO G D.
PI WO 9930734 A1 19990624 40p
AI WO 1998-US25725 19981214
PRAI US 1997-68080 19971218
DT Patent
LA English
OS 1999-395093 [33]

L4 ANSWER 39 OF 44 DGENE (C) 2002 THOMSON DERWENT
TI Using new Venezuelan equine encephalitis virus vectors
IN Hippenmeyer P J
AN AAX81733 DNA DGENE
TI Using new Venezuelan equine encephalitis virus vectors
IN Hippenmeyer P J
PA (SEAR) SEARLE & CO G D.
PI WO 9930734 A1 19990624 40p
AI WO 1998-US25725 19981214
PRAI US 1997-68080 19971218
DT Patent
LA English
OS 1999-395093 [33]

L4 ANSWER 40 OF 44 DGENE (C) 2002 THOMSON DERWENT
TI Using new Venezuelan equine encephalitis virus vectors
IN Hippenmeyer P J
AN AAX81732 DNA DGENE
TI Using new Venezuelan equine encephalitis virus vectors
IN Hippenmeyer P J
PA (SEAR) SEARLE & CO G D.
PI WO 9930734 A1 19990624 40p
AI WO 1998-US25725 19981214
PRAI US 1997-68080 19971218
DT Patent
LA English
OS 1999-395093 [33]

L4 ANSWER 41 OF 44 DGENE (C) 2002 THOMSON DERWENT
TI Using new Venezuelan equine encephalitis virus vectors
IN Hippenmeyer P J
AN AAX81736 DNA DGENE
TI Using new Venezuelan equine encephalitis virus vectors
IN Hippenmeyer P J
PA (SEAR) SEARLE & CO G D.
PI WO 9930734 A1 19990624 40p
AI WO 1998-US25725 19981214
PRAI US 1997-68080 19971218
DT Patent
LA English
OS 1999-395093 [33]

L4 ANSWER 42 OF 44 DGENE (C) 2002 THOMSON DERWENT
TI Using new Venezuelan equine encephalitis virus vectors
IN Hippenmeyer P J
AN AAX81735 DNA DGENE
TI Using new Venezuelan equine encephalitis virus vectors
IN Hippenmeyer P J
PA (SEAR) SEARLE & CO G D.
PI WO 9930734 A1 19990624 40p
AI WO 1998-US25725 19981214
PRAI US 1997-68080 19971218
DT Patent
LA English
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L4 ANSWER 43 OF 44 DGENE (C) 2002 THOMSON DERWENT
TI New alpha virus vectors for gene therapy - of viral infection,
cancer, auto:immune disease, etc., and as **vaccines**.
IN Chang S M W; Driver D A; Dubensky T W; Ibanez C E; Jolly D J; Polo J M
AN AAQ86217 DNA DGENE
TI New alpha virus vectors for gene therapy - of viral infection,
cancer, auto:immune disease, etc., and as **vaccines**.
IN Chang S M W; Driver D A; Dubensky T W; Ibanez C E; Jolly D J; Polo J M
PA (VIAG-N) VIAGENE INC.
PI WO 9507994 A 19950323 260p
AI WO 1994-US10469 19940915
PRAI US 1993-122791 19930915
US 1994-198450 19940218
DT Patent
LA English
OS 1995-131362 [17]

L4 ANSWER 44 OF 44 DGENE (C) 2002 THOMSON DERWENT
TI New alpha virus vectors for gene therapy - of viral infection,

cancer, auto:immune disease, etc., and as **vaccines**.
IN Chang S M W; Driver D A; Dubensky T W; Ibanez C E; Jolly D J; Polo J M
AN AAQ86216 DNA DGENE
TI New alpha virus vectors for gene therapy - of viral infection,
cancer, auto:immune disease, etc., and as **vaccines**.
IN Chang S M W; Driver D A; Dubensky T W; Ibanez C E; Jolly D J; Polo J M
PA (VIAG-N) VIAGENE INC.
PI WO 9507994 A 19950323 260p
AI WO 1994-US10469 19940915
PRAI US 1993-122791 19930915
US 1994-198450 19940218
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